

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gilles Straub, Helmut Buerklin, Vincent Demoulin,
Renaud Dore and Patrick Lopez

Filed : Herewith

For : METHOD FOR SYNCHRONISATION IN A
COMMUNICATION NETWORK AND IMPLEMENTING
APPLIANCES

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

In the US national phase application of PCT/FR99/00944 filed
herewith, please enter the following amendments

IN THE TITLE:

Please amend the title to read "METHOD FOR
SYNCHRONISATION IN A COMMUNICATION NETWORK AND
IMPLEMENTING APPLIANCES."

IN THE ABSTRACT

Please add the following Abstract:

-- A process for synchronization in a communications network
comprising at least two buses interconnected by a wireless communications network,
each bus being linked to the wireless communications network by a portal. The
process comprises the steps of: determining a so-called cycle server portal whose own
clock will serve as a reference for the other portals; transmitting, via each portal, a
synchronization signal at a predetermined instant with respect to the start of a frame
and characteristic of each portal, the frame being defined with respect to each portal's
own internal clock, the synchronization signal being achieved via the insertion of a
control window; and detecting, via each portal, the control windows of other portals
and selecting one of the detected windows for the synchronization of the receiver
portal's own clock with the clock of the cycle server portal, the selected window
corresponding to a portal whose clock is already synchronized with that of the cycle
server portal. The invention also relates to receiver and transmitter apparatuses
implementing the process.--